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Apr 2, 1988

DERWENT-ACC-NO: 1988-129622
DERWENT-WEEK: 198819
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TITLE: Tearable adhesive tape - comprises woven wefts and warps of poly:olefin multifilament wool with different m.pts. and resin layer

PATENT-ASSIGNEE:

ASSIGNEE

NITTO ELECTRIC IND CO

CODE

NITL

PRIORITY-DATA: 1986JP-0218478 (September 16, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 63072777 A	April 2, 1988		004	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 63072777A	September 16, 1986	1986JP-0218478	

INT-CL (IPC): B32B 5/08; B32B 27/12; C09J 7/02; D04D 9/00

ABSTRACTED-PUB-NO: JP 63072777A

BASIC-ABSTRACT:

Tearable adhesive tape comprises adhesive layer(s) provided on the surface(s) of woven substrate tape comprising weft of poly-olefin multifilaments and warp of high m.pt. multifilaments contg. monofilaments having m.pt. higher by at least 10 deg.C. than that if the polyolefin multifilaments are laminated with synthetic resin layer on the surface(s) of woven substrate.

The polyolefin is pref. polyethylene, polypropylene or polybutene-1 having density = 0.91-0.97 g/cm³. or ethylene/propylene copolymer, etc. The multifilaments for woof comprise 1-10 denier-monofilaments and have total fineness = 30-200 denier. The multifilaments for the warp comprise monofilaments of polyester, polyamide, polyvinyl chloride, polyacrylate, polyvinyl alcohol, polyvinylidene chloride polyacrylonitrile or polypropylene and have total fineness = 30-500 denier. The substrate tape comprises warp contg. 30-130 multifilaments/inch and woof contg. 30-100 multifilaments/inch. The laminating film is olefinic (co)polymer or other thermoplastic resin and laminated on the substrate tape by extrusion or melt coating to a thickness of 5-80 microns.

USE/ADVANTAGE - The adhesive tape has high water resistance and it is tearable easily and linearly with fingers.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: TEAR ADHESIVE TAPE COMPRISE WOVEN WEFT WARP POLY OLEFIN MULTIFILAMENT WOOL RESIN LAYER

ADDL-INDEXING-TERMS:

POLYETHYLENE POLYESTER POLYAMIDE POLYVINYL CHLORIDE PVC POLYACRYLATE PVA ALCOHOL
POLYVINYLIDENE POLYPROPYLENE@ POLYACRYLONITRILE

DERWENT-CLASS: A81 F03 G03 P73

CPI-CODES: A04-G01E; A12-A01; A12-S05F; F02-A03A; F02-E03; F03-E01; F04-E; G03-B04;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0209 0231 0232 0233 3151 0239 0241 0246 0247 3153 0248 0250 0255 0374 0486
0487 0759 0836 1283 1291 2007 2421 2431 2434 2527 2528 3251 2634 2645 2654 2667 3255
2682 2723 2816 2821

Multipunch Codes: 014 034 04- 041 046 047 048 049 050 051 061 062 063 071 072 074 076
081 141 143 144 231 244 245 27& 415 431 437 440 477 481 482 483 53& 532 533 535 540 551
567 57& 572 575 58& 580 596 604 608 609 664 667 668 688

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1988-058134

Non-CPI Secondary Accession Numbers: N1988-098493